

What is claimed is:

1. A data storage device comprising:
a disk-like recording medium having pitch information indicating a track pitch recorded in a predetermined area;
and
a head for scanning the recording medium to read the pitch information, and reading/writing data from/in the recording medium by being subjected to seeking control based on the pitch information.
2. The data storage device according to claim 1, wherein the recording medium has, in an area other than a data area, the pitch information recorded in a position to be scanned by the head without fail after power is turned on.
3. The data storage device according to claim 1, further comprising a load/unload mechanism, wherein the recording medium has the pitch information recorded in a track positioned in an outer periphery of a data area.
4. The data storage device according to claim 1, wherein the recording medium includes a data track provided by a track pitch consistent with a writing width of the head.
5. A data storage device comprising:
a disk-like recording medium; and
a head for scanning a data area of the recording medium to read/write data, wherein the head writes a servo pattern in the recording medium, and information regarding a track pitch in a predetermined position other than the data area.

6. The data storage device according to claim 5, wherein the head writes the information regarding the track pitch in the servo pattern in a predetermined area other than the data area.

7. The data storage device according to claim 5, wherein the head scans the predetermined position of the recording medium to read the information regarding the track pitch after power is turned on for the data storage device, and reads/writes information from/in the recording medium by being subjected to seeking control based on the information.

8. A disk-like recording medium of a data storage device in which a head scans a data track of the recording medium to read/write data, comprising:

- a data area including a data track provided by a track pitch consistent with characteristics of the head; and

- a pitch information recording area having information regarding the track pitch recorded.

9. The recording medium according to claim 8, wherein the pitch information recording area is set in an outer periphery of a data area.

10. The recording medium according to claim 8, wherein the information regarding the track pitch is recorded in a servo pattern written in the pitch information recording area.

11. A servo writing method for writing a servo pattern in a disk-like recording medium, comprising the steps of:

- writing a servo pattern in the disk; and

writing, in an area other than a data area for recording data, information indicating a track pitch in a position to be scanned by a head without fail after power is turned on for a data storage device.

12. The servo writing method according to claim 11, wherein in the step of writing the information indicating the track pitch, the information is written in an outer periphery of the data area.

13. The servo writing method according to claim 11, wherein in the step of writing the information indicating the track pitch, the information is written in the servo pattern.

14. A data reading/writing method of a data storage device for scanning a data track of a recording medium by a head to read/write data, comprising the steps of:

reading pitch information indicating a track pitch recorded in a predetermined area of the recording medium by the head;

executing seeking by control based on the read pitch information; and

reading/writing data from/in a predetermined track of the recording medium which is a seeking destination.

15. The data reading/writing method according to claim 14, wherein in the step of reading the pitch information, the pitch information recorded in a track set in an outer periphery of a data area of the recording medium is read.

16. The data reading/writing method according to claim 14, wherein in the step of reading the pitch information, the pitch information recorded in a servo pattern written in an area other than a data area of the recording medium is read.